

**Amendment to the Claims**

1-45. (Cancelled)

46. (New) A syringe-type cell handling device comprising:

a vessel capable of holding, in a liquid-tight state, a fluid handling medium that contains cells, the vessel having a closed mouth and being at least partially composed of a main body; and

a plunger that is slidably insertable into the main body such that the handling medium can be transplanted into a living body by applying a pushing force to the plunger,

wherein the handling medium can be transferred between an interior and an exterior of the vessel by the pushing force via the mouth when opened in the vessel to end the liquid-tight state, the mouth connecting the interior and the exterior of the vessel, and

at least part of a tip of the plunger that contacts the fluid handling medium, when the vessel holds the handling medium, is a gas permeable region for passing a quantity of gas necessary for survival of the cells.

47. (New) The cell handling device of claim 46, wherein an overall oxygen permeability quantity through the gas permeable region to an entire cell reservoir section of the cell handling device is 1 mL/24 hr atm or more.

48. (New) The cell handling device of claim 46, wherein the gas permeable region is composed of a gas permeable resin.

49. (New) The cell handling device of claim 1, wherein the gas permeable region is composed of a porous film.

50. (New) The cell handling device of claim 46, wherein portions of the gas permeable region are provided at a plurality of separate locations in the main body and each portion extends in a direction of an axis of the vessel.

51. (New) The cell handling device of claim 50, wherein each portion of the gas permeable region is composed of a material whose gas permeability is higher than a gas permeability of a principal material of the main body.

52. (New) The cell handling device of Claim 46, wherein a portion of the gas permeable region is provided in a closing member that covers the mouth of the vessel.

53. (New) The cell handling device of claim 50, wherein an overall oxygen permeability quantity through the gas permeable region to an entire cell reservoir section of the cell handling device is 1 mL/24 hr atm or more.

54. (New) The cell handling device of claim 50, wherein the gas permeable region is composed of one of a gas permeable resin and a porous film.

55. (Currently Amended) A syringe-type cell handling device comprising:

a vessel capable of holding, in a liquid-tight state, a fluid handling medium that contains cells, the vessel having a closed mouth and being at least partially composed of a main body; and

a plunger that is slidably insertable into the main body such that the handling medium can be transplanted into a living body by applying a pushing force to the plunger, wherein the handling medium can be transferred between an interior and an exterior of the vessel by the pushing force via the mouth when opened in the vessel to end the liquid-tight state, the mouth connecting the interior and the exterior,

wherein a discharge part is formed at a surface of the vessel that makes contact with the plunger when the plunger is in a fully pressed state, and

at least part of the surface that contacts the handling medium, when the vessel holds the handling medium, is a gas permeable region for passing a quantity of gas necessary for survival of the cells, and at least a part of the gas permeable region is formed in the surface of the vessel that makes contact with the plunger when the plunger is in the fully pressed state.

56. (New) The cell handling device of claim 55, wherein an overall oxygen permeability quantity through the gas permeable region to an entire cell reservoir section of the cell handling device is 1 mL/24 hr atm or more.

57. (New) The cell handling device of claim 55, wherein the gas permeable region is composed of a gas permeable resin.

58. (New) The cell handling device of claim 55, wherein the gas permeable region is composed of a porous film.

59. (New) The cell handling device of claim 55, wherein portions of the gas permeable region are provided at a plurality of separate locations in the main body and each portion extends in a direction of an axis of the vessel.

60. (New) The cell handling device of claim 59, wherein each portion of the gas permeable region is composed of a material whose gas permeability is higher than a gas permeability of a principal material of the main body.

61. (New) The cell handling device of claim 55, wherein a portion of the gas permeable region is provided in a closing member that covers the discharge part.

62. (New) The cell handling device of claim 59, wherein an overall oxygen permeability quantity through the gas permeable region to an entire cell reservoir section of the cell handling device is 1 mL/24 hr atm or more.

63. (New) The cell handling device of claim 59, wherein the gas permeable region is composed of one of a gas permeable resin and a porous film.